

Notice of Allowability

Application No.

09/596,565

Examiner

Jinsong Hu

Applicant(s)

ALLMARK, COLIN

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 3/10/06.
2. ☒ The allowed claim(s) is/are 1, 2, 5-6, 8, 10-13, now as 1-9.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears bellow. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as proved by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Formal Drawings are required to be submitted.
3. Authorization for this Examiner's Amendment was given in a telephone interview with Mr. Jeffrey S. Whittle (Reg. No. 36,382) on July 20, 2006.

In the Claims:

Please amend claims 11 and 12 as following:

Claim 11. (Currently amended) A graphical user interface for updating a compact disc having thereon original content digital information and for enhancing update capabilities to a user of the compact disc, the graphical user interface comprising:

directing means for directing a user through a plurality of blocks for updating stored digital information in memory of at least one remote computer so that the update appears to the user to be on a compact disc, the directing means including software loading means displayed to the user for loading disc updating software into the memory of the at least one remote computer responsive to the user, wherein the

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software loading means loads new updating digital information containing only differences defining actual changes in digital information between the new updated digital information and the original content digital information; and

update initiating means associated with the disc updating software for initiating the updating of the new updated digital information received from remote compact disc updating software, the update initiating means being responsive to receive the actual changes, the actual changes being initiated responsive to a determination of content of the compact disc, comparing original content digital information on the compact disc with updated information to look for actual changes to the original content digital information, collating the actual changes, compressing data associated with the actual changes, and creating an amendment file containing only differences between the original content digital information and the updated information as reflected by the actual changes so that the amendment file containing the actual changes are loaded responsive to the software loading means.

Claim 12. (Currently amended) A method of updating a compact disc, the method comprising:

providing first compact disc updating software associated with a computer
defining a server for storing compact disc new update information;

initiating a determination of content of a remote compact disc;

comparing original content digital information on the compact disc with
updated information for actual changes to the original content digital information;

collating the actual changes;

compressing data associated with the actual changes;

creating an amendment file containing differences between the original content digital information and the updated information as reflected by the actual changes;

positioning a compact disc capable of containing original content digital information thereon in a compact disc drive of at least one remote computer;

providing second disc updating software stored on the compact disc and in communication with the first compact disc updating software through a communication link;

updating the original content digital information stored on the compact disc by storing the amendment file containing the new update information in the memory of the at least one remote computer, wherein the new update information consists of only differences in digital information between the new update data information and the original content digital information; and

producing a graphical user interface on a display of the at least one remote computer to enhance update capabilities to a user of the compact disc.

Reasons for allowance

4. The following is an examiner's statement of reasons for allowance:

Applicant's claimed invention distinguished over the prior art for the following reasons. The claims are allowable over the prior art of record because none

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of the references, either alone or in combination, discloses or renders obvious the method for updating a compact disc comprising the steps of comparing original content digital information on the compact disc with updated information to look for actual changes to the original content digital information, collating the actual changes, compressing data associated with the actual changes, and creating an amendment file containing only differences between the original content digital information and the updated information as reflected by the actual changes so that the amendment file containing the actual changes are loaded responsive to the software loading means.

Conclusion

5. Any comments considering necessary by applicant must be submitted no later than the payment of issue fee and, to avoid processing delays, should preferably accompany the issue fee.

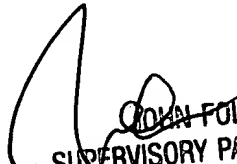
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jinsong Hu whose telephone number is (571) 272-3965. The examiner can normally be reached on 8:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jinsong Hu

July 21, 2006


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